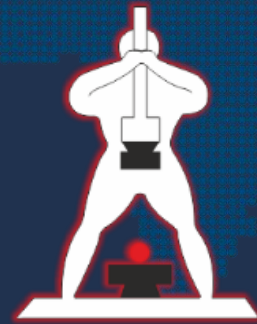


Company Presentation



sistas

Design • Forging • Machining • Assembly



sistasforge.com

About Us

Sistaş Çelik Dövme was founded in 1978 in İzmir and has become a strong hot steel forging supplier thanks to its high mould capabilities.



sistas

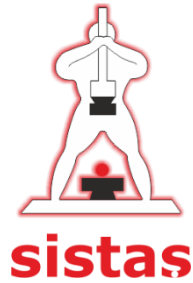
About Us

With nearly 44 years of experience and by optimizing products from beginning to end, Sistas has been developing innovative solutions in steel forging, machining, heat and surface treatment and after stage machining for both domestic and overseas customers in various sectors in its facility with a 25,000 ton forging capacity per year on a closed area of 8000 square meters from 0.5 to 45 kg. Sistas allows the molding designs pass to the finished forging parts securely thanks to its technical know-how and modern skills.



Design

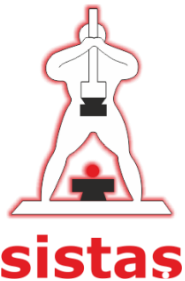
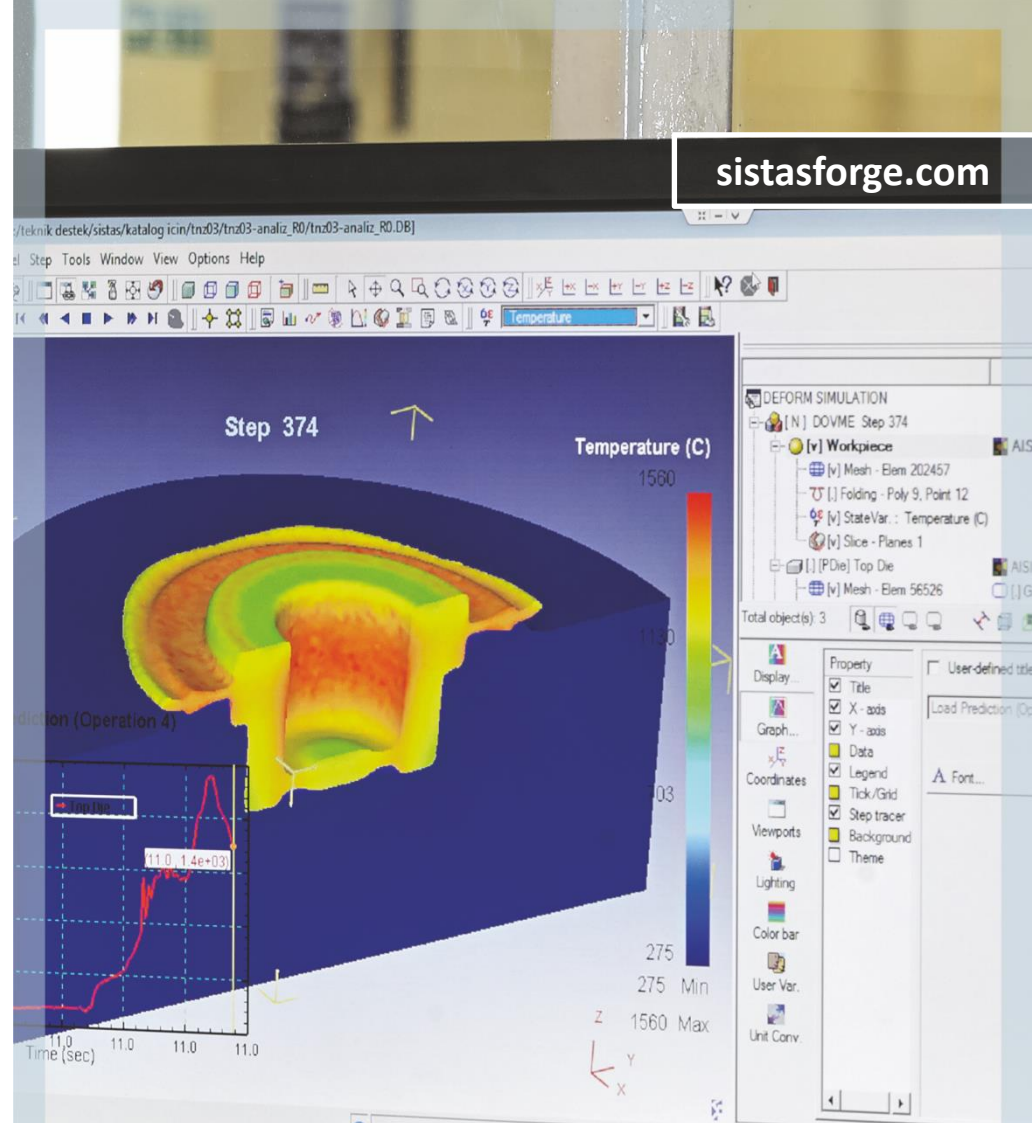
Sistas works closely with its customers to be able to follow all the technical requirements for each project before starting production.



Design

CAD/CAM software (AutoCAD, Siemens NX, Catia V5 / Power Mill) is used for mold manufacturing facility, final approval and direct information to the customers.

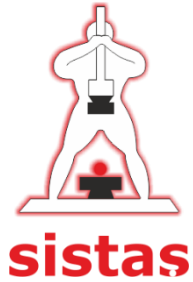
Sistas offers its customers the most economical solutions to take preventive measures by using CAE/FEM (DEFORM) simulation software.



Advanced engineering, technical support, forging specialisation, 100 % conformance

Raw Material

Sistas maintains long-term business relationships with its customers and suppliers by using only the best quality raw materials and satisfies the expectations.

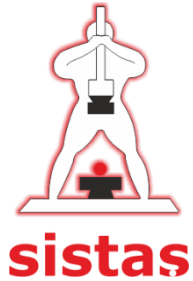


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Raw Material

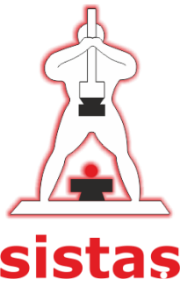
We are able to meet the expectations and needs of our customers by ensuring the flexibility and safety in our quality standards.

Regular assessment regarding services and compliance check for the material suppliers is included in our quality management philosophy.



Raw Material

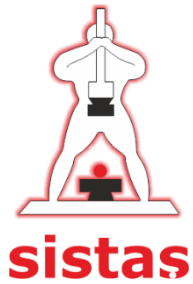
Potential suppliers are evaluated and selected in line with the standard rules.



In-depth resources, stringent requirements,
supply chain, metallurgical expertise

Mould

Sistas fulfills all kinds of customer needs at any time with special mould studies by using its in-house High Speed CNC machining.



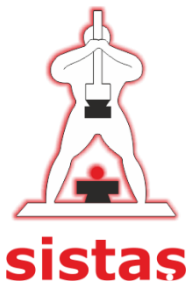
Mould

Thus, continuous quality control reduces the processing and delivery time. All mould repairs and changes are made with CAD-CAM component at the factory which allows to meet today's rapidly increasing demand much faster and affordably.



Mould

Potential suppliers are evaluated and selected in line with the standard rules.

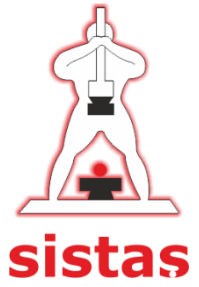


Production capabilities, toughest applications, range of support, process modelling, tool engineering



Forging

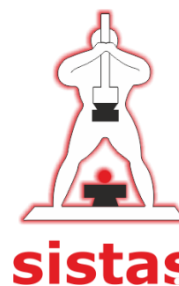
Sistas makes production between **0.5 kg** and **45 kg** on forged parts, air hammer and mechanical press lines. High quality carbon and alloyed raw materials are cut at an optimum level and roasted fully in temperature-controlled induction furnace under **100%** temperature control.





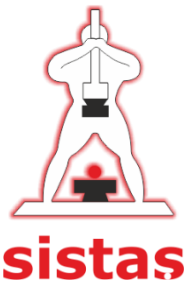
Forging

Type of production	Press lines	Capacities	Weight	Length	Diameter
Hammer forging	5	35-110 kJ	0,5-21 kg	Up to 700 mm	400 mm
Press Forging	9	315-4.000 ton	0,5-45 kg	Up to 700 mm	400 mm
Upsetter Forging	1	1250 ton	2-70 kg	Up to 2000 mm	30 mm -90 mm



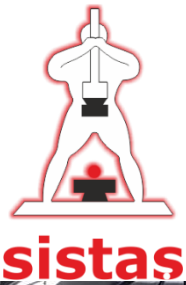
Forging

In line with customer requests, appropriate press production line is determined according to the dimensional tolerances, geometrical structure and numerical parameters.



Customer satisfaction, predictable performance, operational excellence, dedicated employees, focused manufacturing, solutions

Heat Treatment



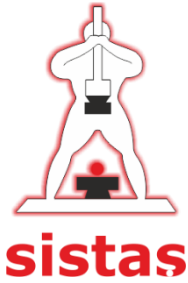
Heat Treatment demands of our customers are in our Ipsen chamber furnace, annealing furnaces and suppliers being carried out. Applied processes:- Breeding- Cementation- Soft Annealing- Normalization- Isothermic Annealing- Stress Relief Annealing- Induction Hardening In addition, controlled cooling process for microalloyed steels is applied with automatic cooling conveyors.

Mechanical Working



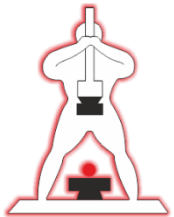
Mechanical Working

Sistas provides excellent machined forged parts with the combination of its in house 4 CNC Horizontal Machining Centers, 7 CNC Vertical Machining Centers, 11 CNC Turning Machines and high quality labor skills.



Mechanical Working

Sistas capabilities assist in making its customers' orders more productive and cost efficient.



sistas



Enhanced competitiveness,
lean manufacturing,
exacting properties

Quality

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ISO 9001:2000



CERTIFICATE NO.25396

ISO TS 16949:2002



CERTIFICATE NO.25396

OHSAS 18001

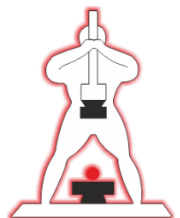


CERTIFICATE NO.13408/B/0001/NA/En

ISO 14001



CERTIFICATE NO.25396

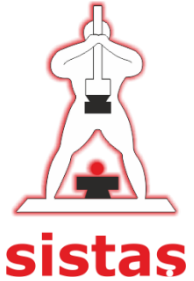


sistas

Quality

Since its establishment, Sistas adopts total quality practices as corporate culture and integrates objectives with the sense of quality.

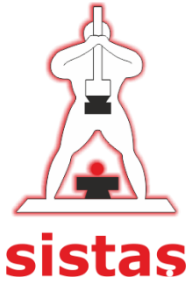
Its compliance with the ISO 9001 - ISO TS 16949 - ISO 14001 - OHSAS 18001 standards have been registered. Sistas is a solution partner and reliable supplier for many customers.



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Quality

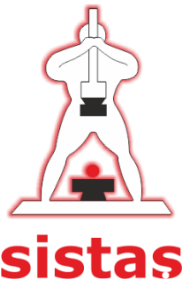
Quality which is supported by a successful team work and statistical process audits, is the essential complementary factor in all works. In order to ensure unconditional customer satisfaction, Sistas manufactures with the most competitive prices and maximum durability in accordance with the safety and quality program and raises the quality with 100 % product control.



Quality

Sistas explains its quality statement by saying

"We provide complete customer satisfaction with the commitment of responsibility, completeness and excellence in everything we do."



Powerful relationships,
quality assurances, value delivered,
satisfaction guaranteed



Sectors

Automotive



Agriculture



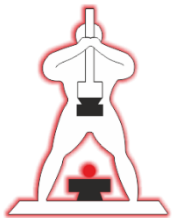
Heavy Duty Equipments & Constructions
Hydraulic



Defence Industry
Mining
Railways

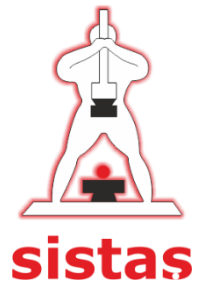


Hand Tools
Safety Equipments
Lifting Systems
Energy



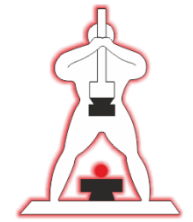
sistas

sistasforge.com



Automotive



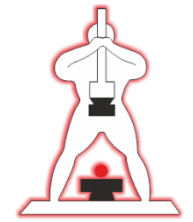


sistas

Automotive



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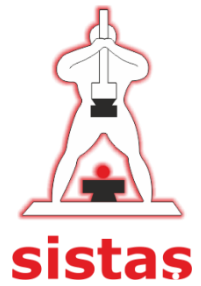


sistas

Automotive



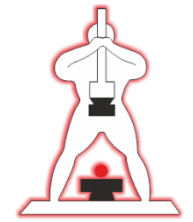
sistasforge.com



Automotive



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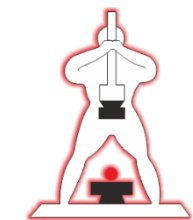


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Automotive

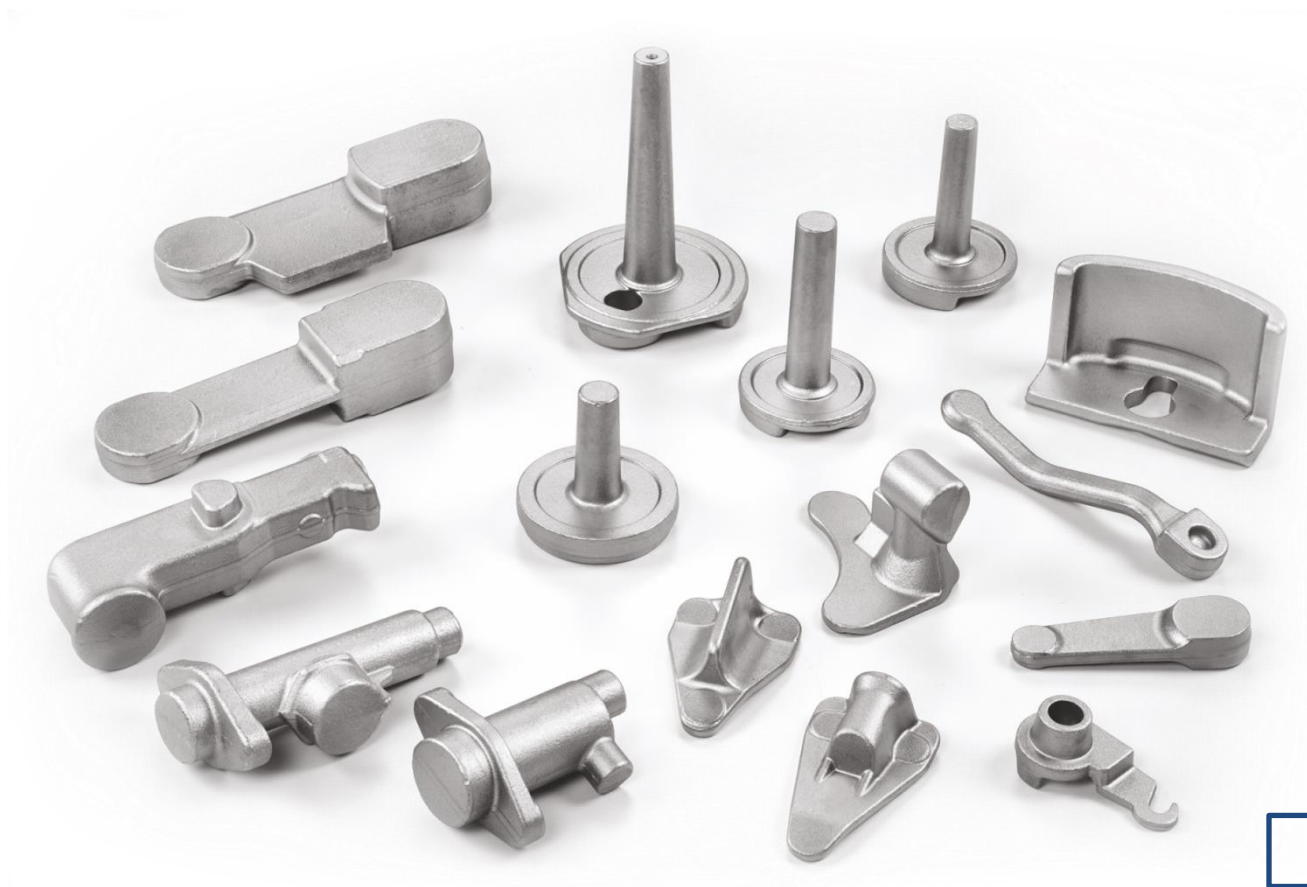


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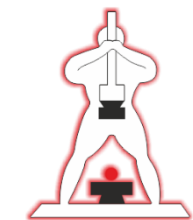


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Automotive



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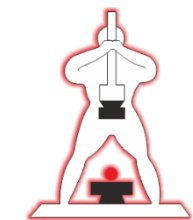


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Automotive

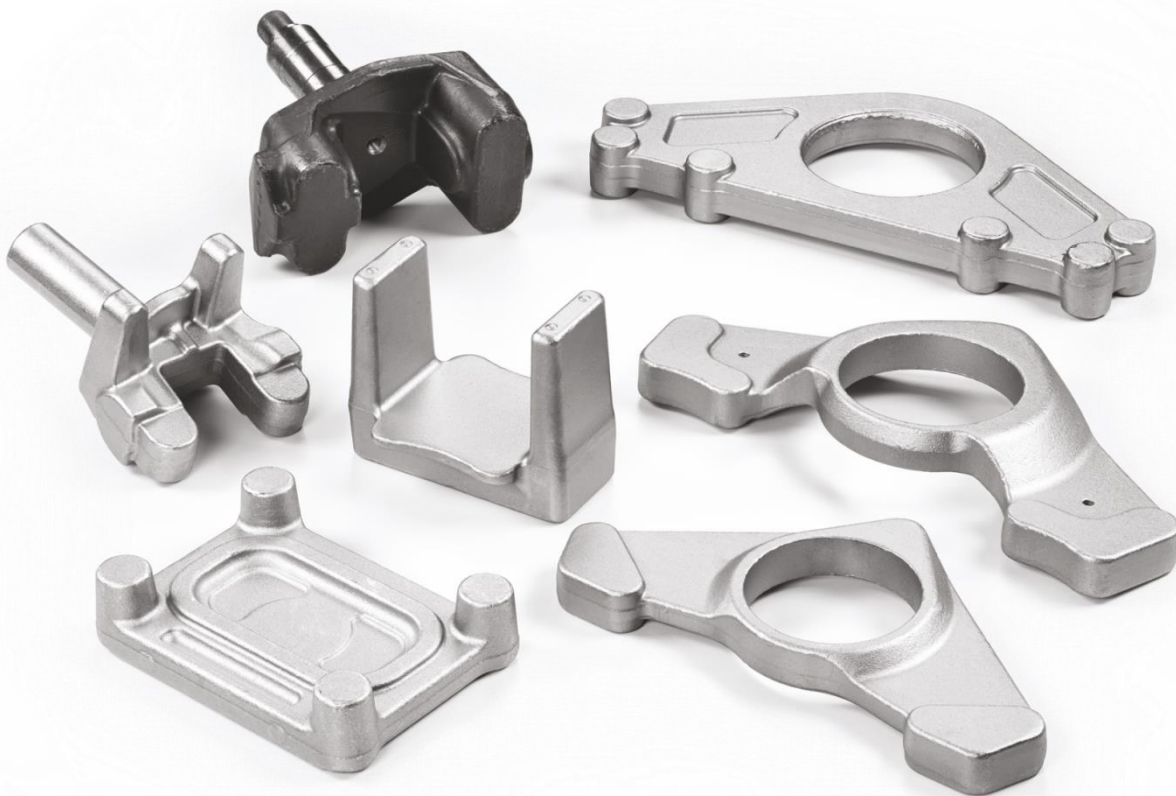


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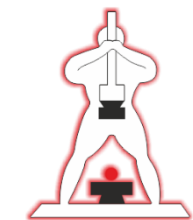


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Automotive



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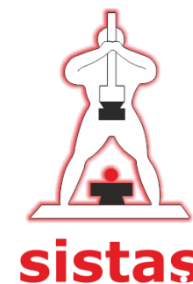


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Automotive

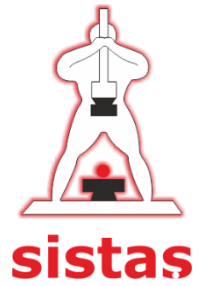


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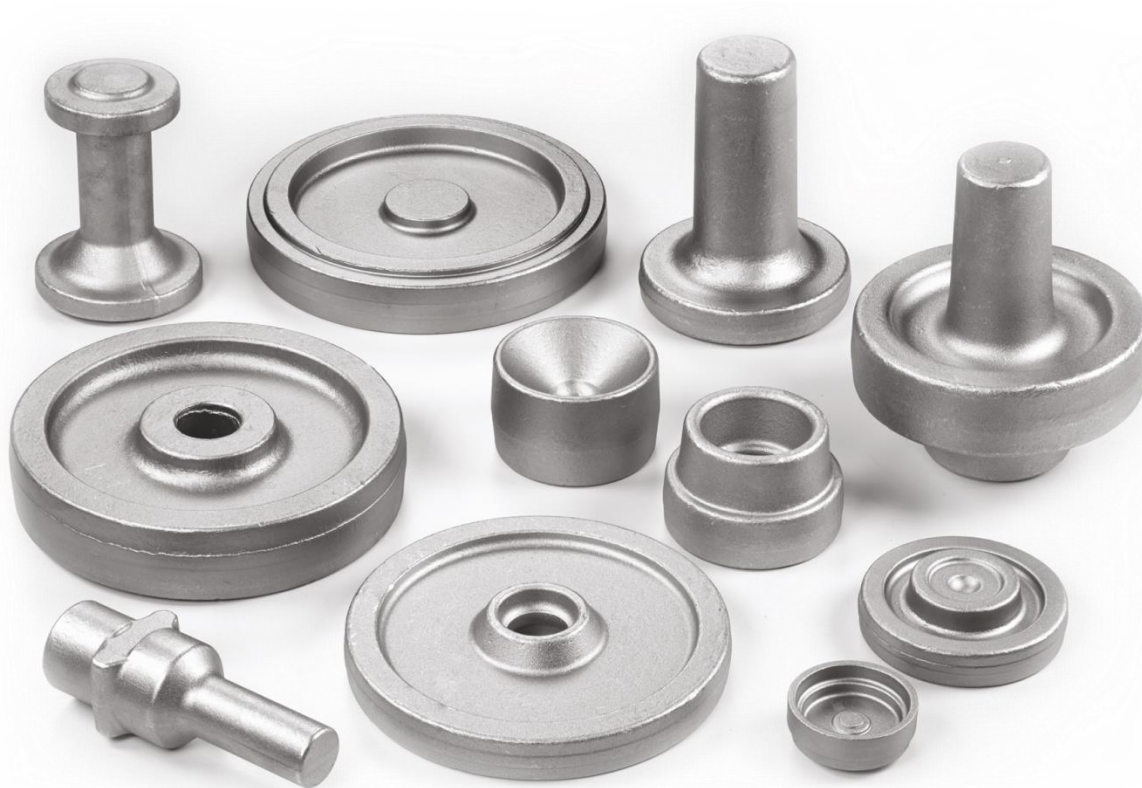


Automotive

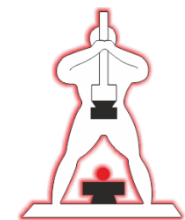




Agriculture



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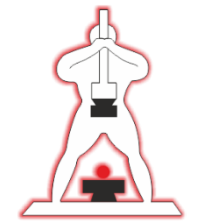


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Agriculture

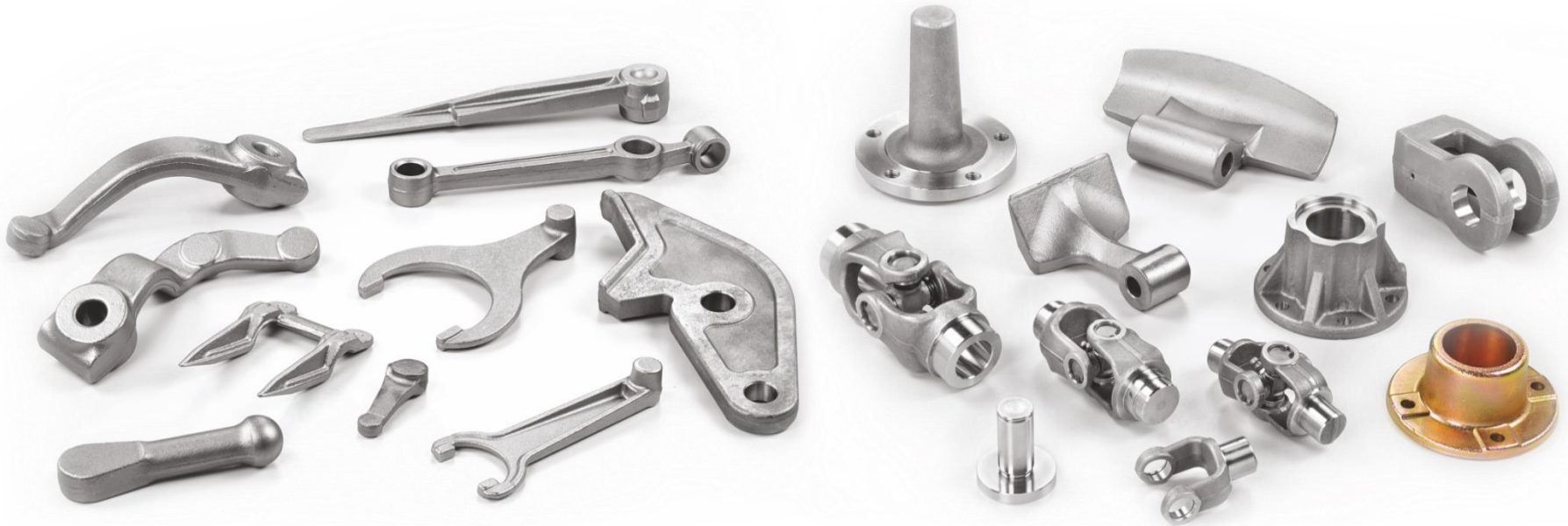


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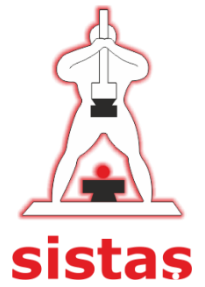


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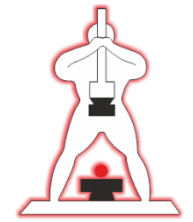
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Agriculture



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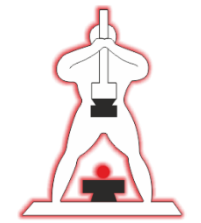


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Agriculture



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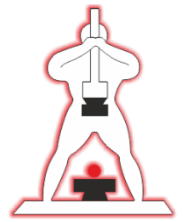


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Agriculture

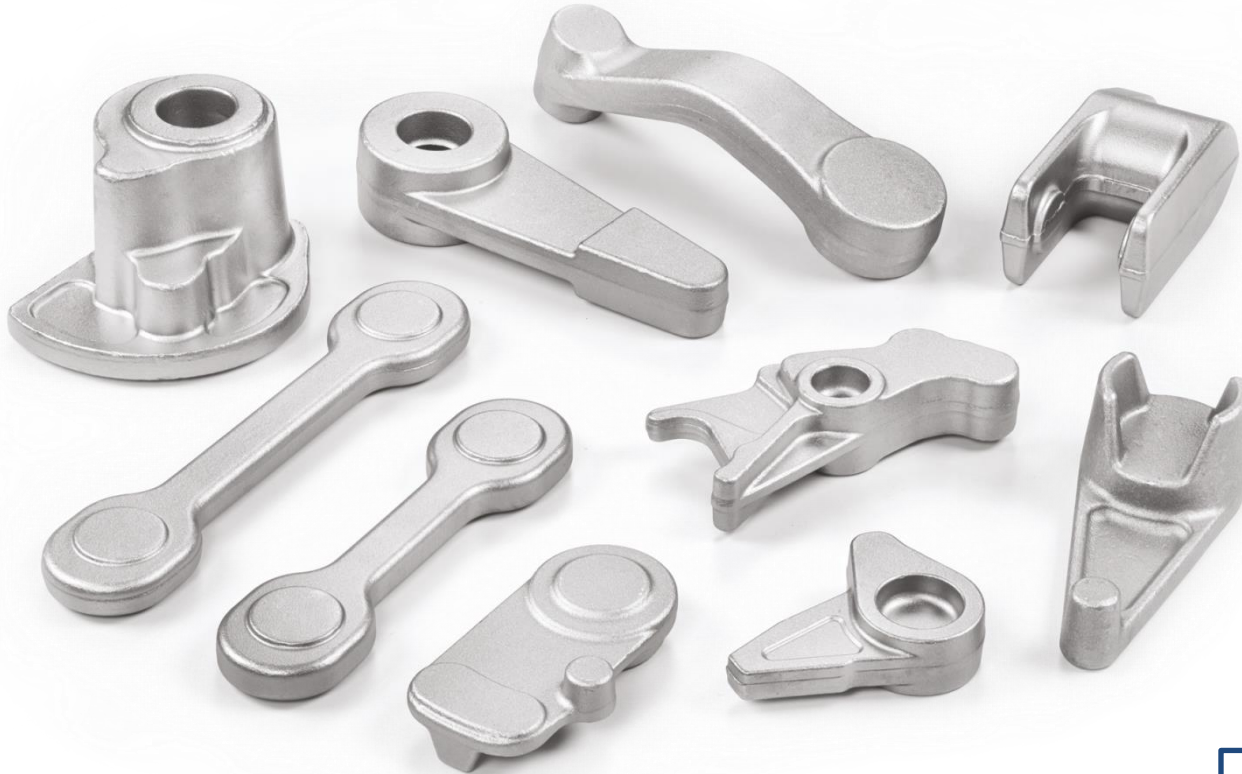


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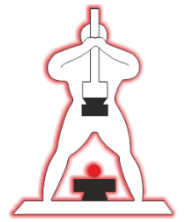


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Energy



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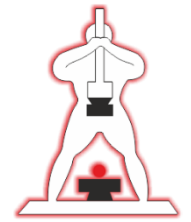


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Energy



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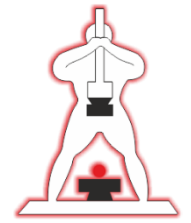


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Energy

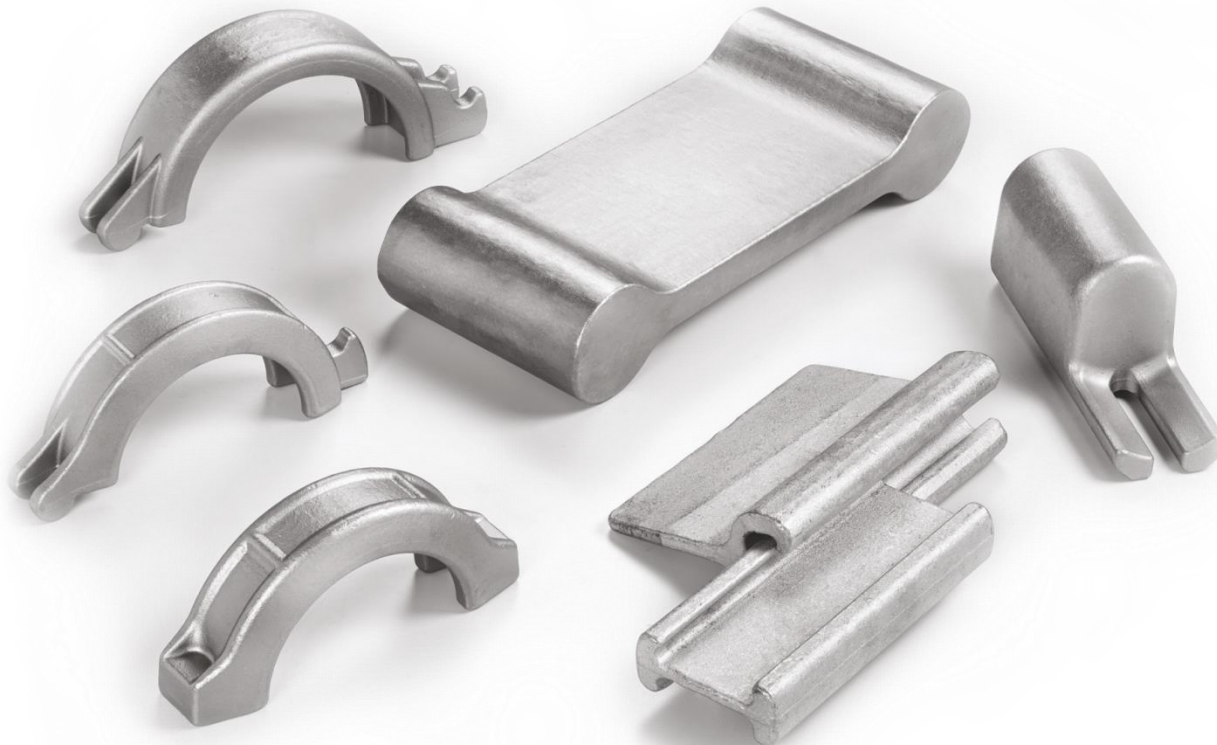


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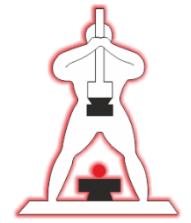


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Heavy Duty Equipments & Constructions



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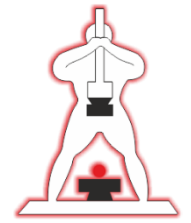


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Heavy Duty Equipments & Constructions



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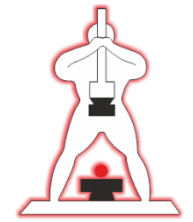
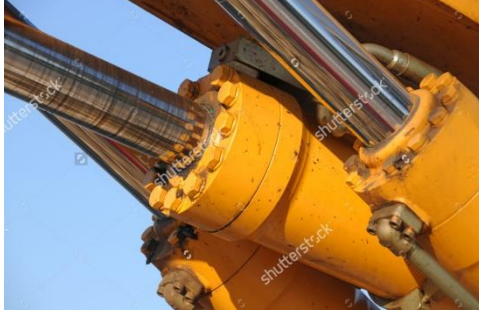


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Mining Equipments



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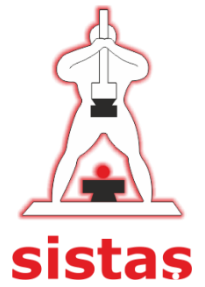
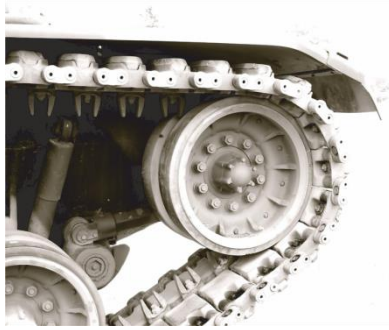


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Hydraulic

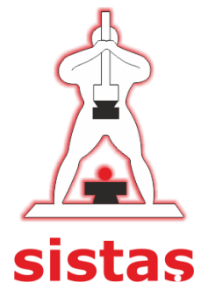


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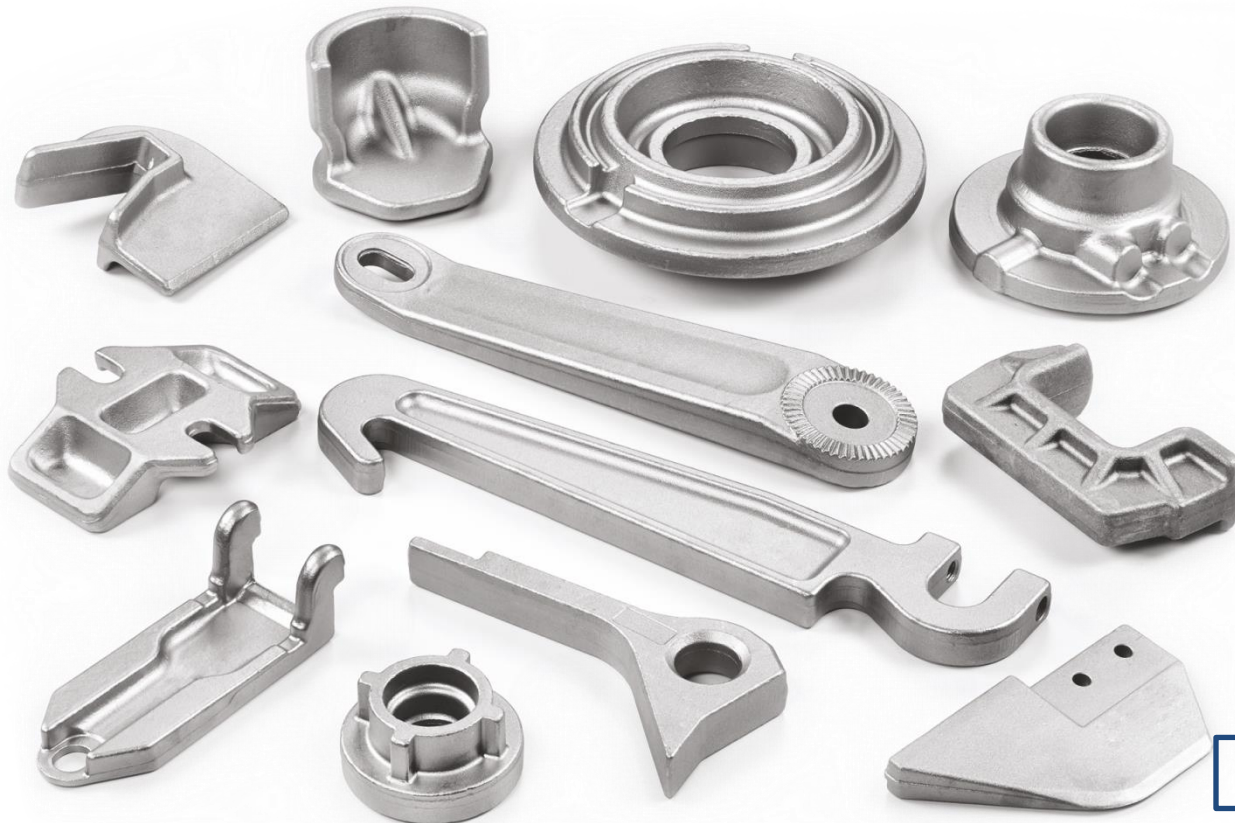


Defence Industry

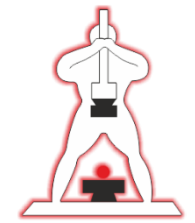




Various Industries



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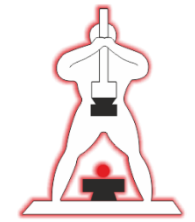


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Railway



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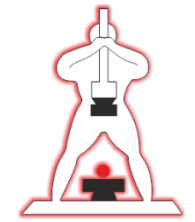


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Railway



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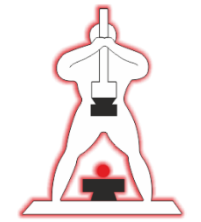


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Railway



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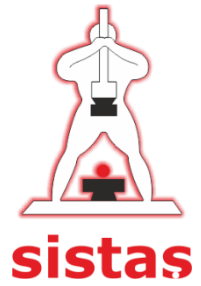


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Hand Tools

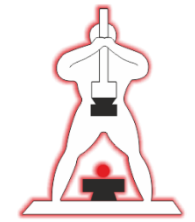


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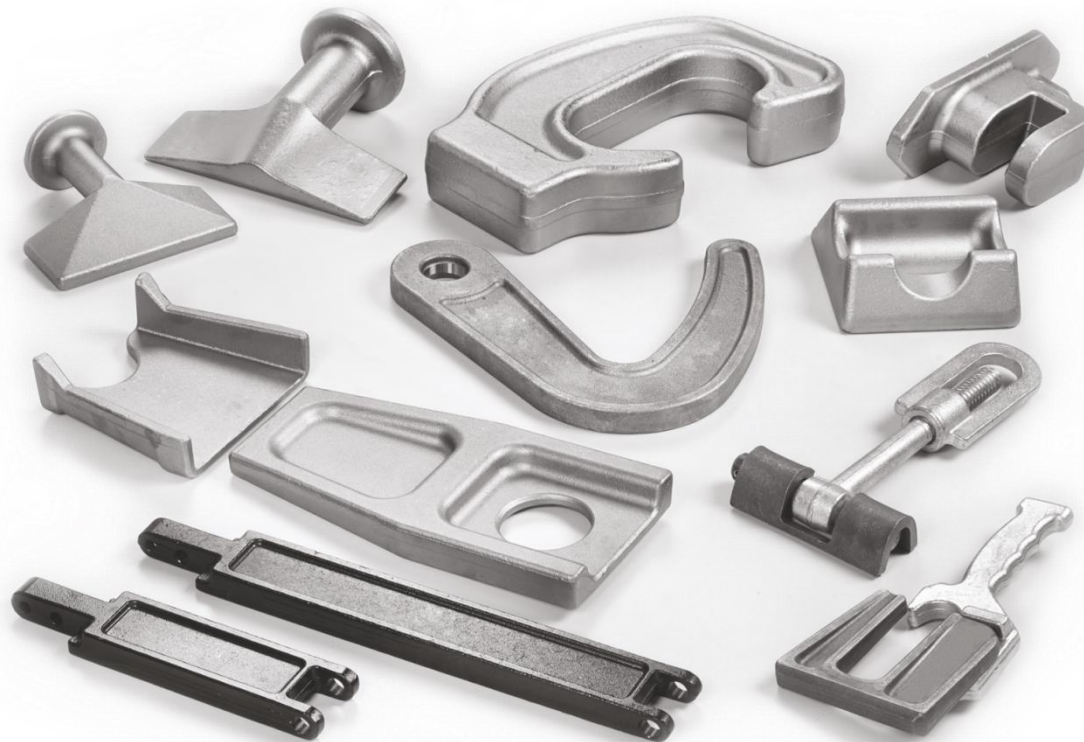
Lifting Systems and Safety





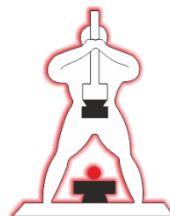
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Heavy Vehicle



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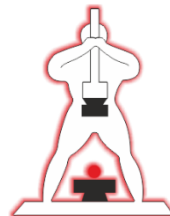
References



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References



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